

4MP HD IR Fixed Eyeball Network Turret Camera



IPT428XV

- > Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > High quality image with 4 MP (2560 x 1440), 1/3.0" CMOS sensor; H.265, H.264, MJPEG
- > Supports ultra motion detection
- > Smart dual-light ensures high quality image
- > Built-in mic
- > Supports 9:16 corridor mode
- > Smart IR, up to 30 m (98.4 ft) IR distance
- > DC12V or PoE (IEEE 802.3af)
- > Built-in Micro-SD Card Slot enables local storage up to 512GB and ANR
- > IP67 Weather Resistant Housing and Optional Mounts Available

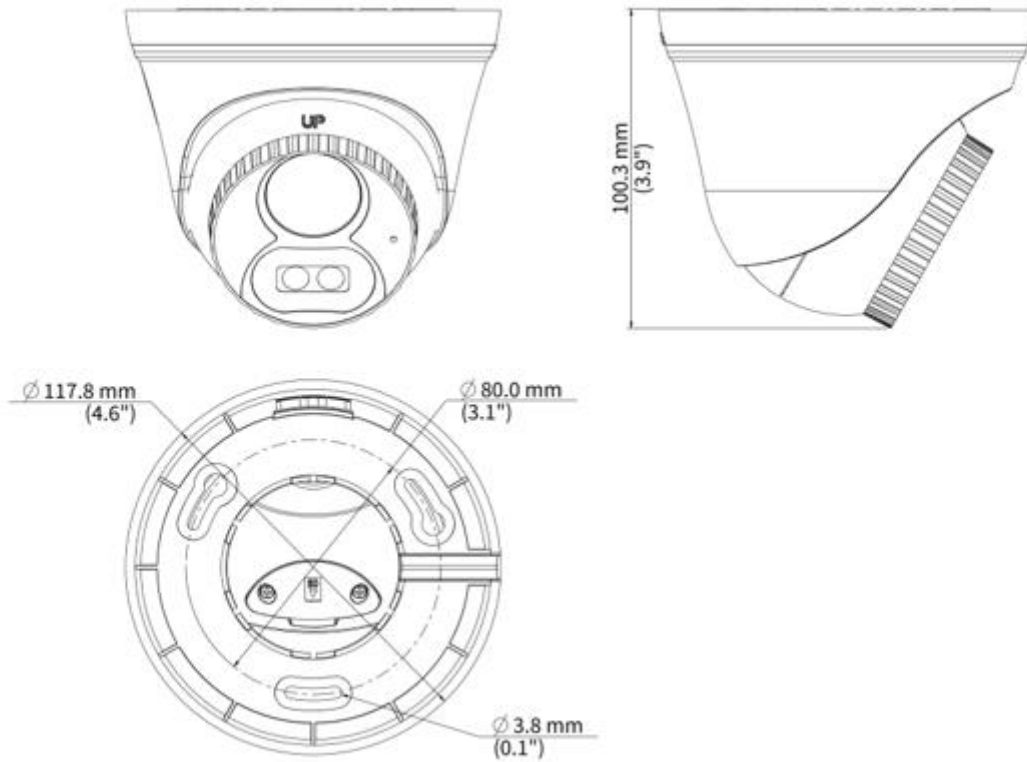
Specifications

Camera					
Sensor	1/3.0" CMOS				
Minimum illumination	Color: 0.001 Lux (F1.6, AGC ON), 0 Lux with light				
True Day / Night	IR-cut filter with auto switch (ICR)				
Smart Illumination	Support				
Shutter	Auto / Manual, 1 ~ 1/100000s				
WDR	DWDR				
S/N	>52 dB				
Lens					
Lens	2.8 mm				
Iris	F1.6				
Field of View (H)	93.2°				
Field of View (V)	51.5°				
Field of View (D)	108.0°				
DORI					
DORI Distance	Lens (m)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8 mm	63.0 m (206.7 ft)	25.2 m (82.7 ft)	12.6 m (41.3 ft)	6.3 m (20.7 ft)
Illuminator					
IR Range	30 m (98.4 ft.)				
Warm Light Range	30 m (98.4 ft.)				
Wavelength	850 nm				
Supplemental Light	Dual Light				
Video					
Video Compression	H.265, H.264, MJPEG				
	4 MP (2560 × 1440), max. 25 fps (Main Stream)				
	3 MP (2304 × 1296), max. 30 fps (Main Stream)				
	1080P (1920 × 1080), max. 30 fps (Main Stream)				
	D1 (720 × 576), max. 30 fps (Sub Stream)				
	640 × 360, max. 30 fps (Sub Stream)				
	2CIF (704 × 288), max. 30 fps (Sub Stream)				
	CIF (352 × 288), max. 30 fps (Sub Stream)				
Video Bit Rate	128 Kbps~ 16 Mbps				
ROI	Support				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
Video Stream	Dual streams				

Image	
White Balance	Auto / Outdoor / Fine Tune / Sodium Lamp / Locked / Auto2 / Area white balance
Digital Noise Reduction	2D / 3D DNR
Flip	Normal / Vertical / Horizontal / 180°
HLC	Support
BLC	Support
Defog	Digital Defog
Dewarping	N/A
Events	
Basic Detection	Ultra motion detection, Motion detection, Audio detection, Tampering alarm
Smart Detection	N/A
General Functions	Watermark, IP Address Filtering, Alarm input, Access Policy, ARP Protection, RTSP Authentication, User Authentication, HTTP Authentication
Other Functions	N/A
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way audio	N/A
Suppression	Support
Sampling Rate	8 kHz
Storage	
Edge Storage	Micro SD, up to 512GB
Network Storage	ANR; NAS (NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, UPnP, HTTP, 802.1x, SNMP, QoS, SSL/TLS, SSH, HTTPS, SMTP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Client	Guard Station, Guard Viewer, Guard Live
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+

Pan & Tilt (N/A)	
Optical Zoom	N/A
Pan	N/A
Tilt	N/A
Presets	N/A
Patrols	N/A
Dwell Times	N/A
Home Position	N/A
Auto Tracking	N/A
Interface	
Audio I/O	N/A
Alarm I/O	N/A
Built-In Mic	Support
Built-In Speaker	N/A
Network	1 x RJ45 10M/100M Base-TX Ethernet
Additional Ports	N/A
General	
Power	DC 12 V±25%, PoE (IEEE 802.3af)
Dimensions	Ø117.8 mm × 100.3 mm (Ø4.6" × 3.9") (Ø × H)
Material	Graphene + Plastic
Environment	Working: -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing) Storage: -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Screws & Offset	3- Ø3.8 mm; Ø 80.0 mm
Reset Button	Support
Conformity Certifications	IP67, CE, UL, FCC

Dimensions



Accessories

Please check camera accessory guide